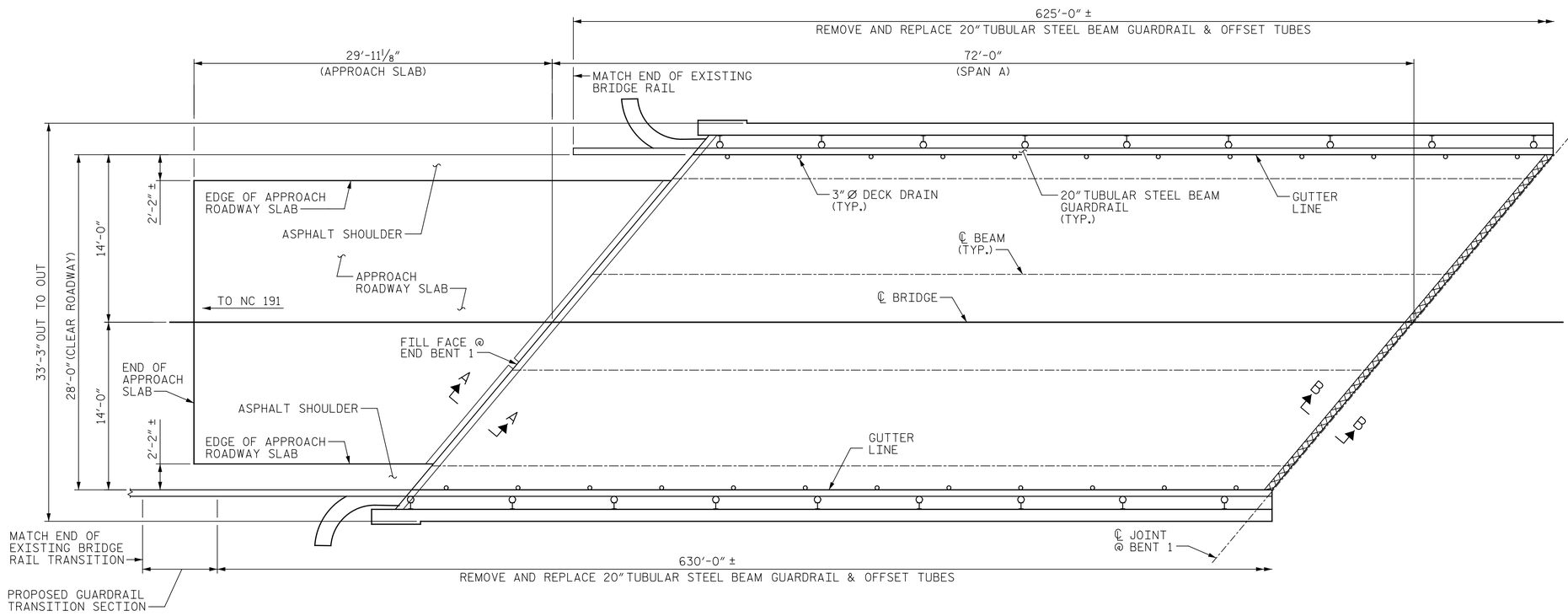

APPROACH SLAB @ END BENT 1

SPAN A

NOTES:

REPAIR LOCATIONS AND ESTIMATED QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER WILL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATIONS AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

CONCRETE COVER FOR TOP BARS IN THE DECK SLAB IS 1 7/16" PER THE EXISTING BRIDGE PLANS.

FOR SECTION A-A AND B-B, SEE "JOINT DETAILS" SHEET.

FOR FINE MILLING, SEE SPECIAL PROVISIONS.

THE CONTRACTOR SHALL REMOVE AND REPLACE THE 20" TUBULAR STEEL BEAM GUARDRAIL. THE ENGINEER WILL SELECT THOSE SECTIONS OF THE EXISTING GUARDRAIL SUITABLE FOR FUTURE USE AND TRANSPORT THEM TO A STOCKPILE FOR THE USE OF THE DEPARTMENT. THE REMAINING GUARDRAIL SECTIONS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PROJECT.

FOR DIMENSIONS OF TUBULAR BEAM GUARDRAIL, POST AND TUBES, SEE "TUBULAR BEAM GUARDRAIL DETAILS" SHEET.

BRIDGE RAIL QUANTITIES
(FOR ENTIRE BRIDGE)

REMOVE 20" TUBULAR STEEL BEAM GUARDRAIL	1275 LF
20" TUBULAR STEEL BEAM GUARDRAIL	1255 LF
REMOVE AND REPLACE W 6X9 POSTS	0 EA
W-TR STEEL BEAM GUARDRAIL TRANSITION SECTIONS	3 EA

BRIDGE JOINT DEMOLITION

APPROX. CLASS II SURFACE PREPARATION

APPROX. CLASS III SURFACE PREPARATION

UNDERSIDE OF DECK/OVERHANG REPAIR

ERI EPOXY RESIN INJECTION

REPAIR QUANTITY TABLE

TOP OF DECK REPAIR	APPROACH SLAB 1		SPAN A	
	ESTIMATE	ACTUAL	ESTIMATE	ACTUAL
FINE MILLING	78 SY		224 SY	
HYDRO-DEMOLITION OF BRIDGE DECK	78 SY		224 SY	
CLASS II SURFACE PREPARATION	0.0 SY		0.0 SY	
CLASS III SURFACE PREPARATION	0.0 SY		0.0 SY	
LATEX MODIFIED CONCRETE - VES OVERLAY	5.7 CY		16.3 SF	
PLACING & FINISHING LMC - VES OVERLAY	78 SY		224 SY	
BRIDGE JOINT DEMOLITION	15 SF		37 SF	
GROOVING BRIDGE FLOORS	672 SF		1755 SF	

UNDERSIDE OF DECK REPAIR

SHOTCRETE REPAIR	ESTIMATE AREA SF	ESTIMATE VOLUMN CF	ACTUAL AREA SF	ACTUAL VOLUMN CF
UNDERSIDE OF DECK	0.0	0.0		
OVERHANG DIAPHRAGMS	0.0	0.0		
UNDERSIDE OF OVERHANG	0.0	0.0		
INTERIOR DIAPHRAGMS	0.0	0.0		
	ESTIMATE		ACTUAL	
UNDERSIDE EPOXY RESIN INJECTION	0.0 LF			

VALUES IN CHART REPRESENT ESTIMATED UNDERSIDE OF DECK REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MINIMUM OF 1" BEHIND REBAR AND MINIMUM 2" CLEAR TO SAWCUT. FOR REPAIR DETAILS, SEE "OVERHANG UNDERSIDE REPAIR DETAILS" SHEET.

PAYMENT FOR CLASS II AND CLASS III SURFACE PREPARATION IS BASED ON THE SQUARE YARDS OF ADDITIONAL DEMOLITION REQUIRED FOLLOWING HYDRO-DEMOLITION OF THE BRIDGE DECK. SEE "OVERLAY SURFACE PREPARATION" SPECIAL PROVISION.

PROJECT NO. I-5889B

BUNCOMBE COUNTY

BRIDGE NO. 100356

SHEET 1 OF 8

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PLAN OF SPANS SPAN A AND APPROACH SLAB

NORTH CAROLINA PROFESSIONAL SEAL 020208 ENGINEER ERIC B. NELSON JR.

DocuSigned by: Eric Nelson Jr. 7/25/2022 ACB808211907 4CD...

DRAWN BY : J. HARRIS DATE : 6/2022

CHECKED BY : J. YANNACCONE DATE : 6/2022

GANNETT FLEMING

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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S6-4
1			3			TOTAL SHEETS
2			4			133